READ AND UNDERSTAND THESE INSTRUCTIONS BEFORE INSTALLING FIXTURE
This fixture is intended for installation in accordance with the National Electrical Code and local regulations. To assure full compliance with local codes and regulations, check with your local electrical inspector before installation. To prevent electric shock, turn off electricity at fuse box before proceeding.
Retain these instructions for maintenance reference.

INSTRUCTION FOR INSTALLATION OF PRE-WIRED COMPACT FLUORESCENT EMERGENCY LIGHTING DECORATIVE SURFACE UTILITY FIXTURES

WARNING: (RISK OF FIRE) SUPPLY WIRING MUST BE RATED 90°C. WHEN INSTALLING THE FOLLOWING MODEL NUMBERS ONLY: 5240WH326UE, 5241WH326UE, 5242PB326UE, 5243SA326UE, 5243SB326UE, 5543PB326UE AND 5543WH326UE. MOST DWELLINGS BUILT BEFORE 1985 HAVE SUPPLY WIRE RATED FOR 60°. CONSULT A QUALIFIED ELECTRICIAN BEFORE INSTALLATION.

NOTICE: THIS INSTRUCTION SHEET TO BE USED IN CONJUNCTION WITH INSTRUCTIONS SUPPLIED FOR THE INSTALLATION OF SPECIFIC MODEL BEING INSTALLED.

IMPORTANT SAFEGUARDS

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

WHEN USING ELECTRICAL EQUIPMENT, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED INCLUDING:

1. Turn off AC power before proceeding.
2. Be sure all electrical connections are complete and outlet box is closed before battery connectors on emergency pack are connected.
3. Do not use outdoors.
4. Do not mount near gas or electrical heaters.
5. Do not attemp to service the battery. A sealed, rechargeable, no maintance battery is used. Do not incinerate or mutilate; may burst or release toxic materials. Do not short circuit; may cause burns. Battery acid can cause burns to skin and eyes. If acid is spilled on skin or eyes, flush with fresh water and contact a physician immediately.
6. Equipment should be mounted in locations and at a height where it will not be readily subject to tampering by unauthorized personnel.
7. The use of accessory equipment is not reccommended by the manufacturer and may cause an unsafe condition.
8. Do not use the equipment for other than intended use.
9. This unit has more than one power supply connection piont. To reduce the risk of electrical shock, disconnect both the normal and the emergency power supplies before servicing.
10. Before servicing to prevent electrical shock, disconnect the battery connectors on the emergency pack (located on the end of the emergency pack). Make certain that the switch (if the fixture is switched) and the unswitched lines to the emergency pack are turned off at the fuse box. Servicing should be performed by qualified personnel only.

INSTALLATION

WARNING: TO PREVENT HIGH VOLTAGE ON THE RED & YELLOW OUTPUT LEADS PRIOR TO INSTALLATION, BATTERY CONNECTOR MUST BE OPEN. DO NOT JOIN BATTERY CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED TO THE EMERGENCY BALLAST.

A. WIRING - **Read and understand all instructions before proceeding.**

1. Make sure AC power is off at fuse box.
2. Make sure that the necessary branch circuit wiring is available. An unswitched source of power is required for the emergency pack.
3. The emergency pack must be fed from the same branch circuit as the AC ballast(s).
4. In switched fixtures, emergency pack must be connected ahead of any local switching.
5. Be sure all electrical connections are made and outlet box is closed before battery connectors on emergency pack are connected.
6. Select the appropriate wiring diagram to connect the emergency pack and the AC ballast: (See Pages 2 & 3)

READ AND UNDERSTAND THESE INSTRUCTIONS BEFORE INSTALLING FIXTURE

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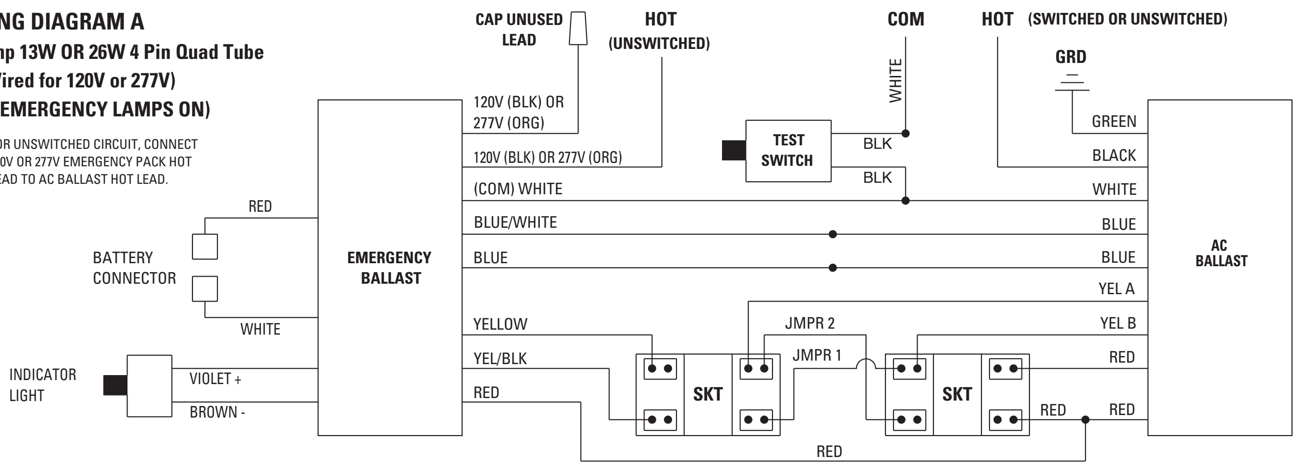
Retain these instructions for maintenance reference.

INSTRUCTION FOR INSTALLATION OF PRE-WIRED COMPACT FLUORESCENT EMERGENCY LIGHTING DECORATIVE SURFACE UTILITY FIXTURES

WIRING DIAGRAM A

(2-Lamp 13W OR 26W 4 Pin Quad Tube Pre-Wired for 120V or 277V)
(TWO EMERGENCY LAMPS ON)

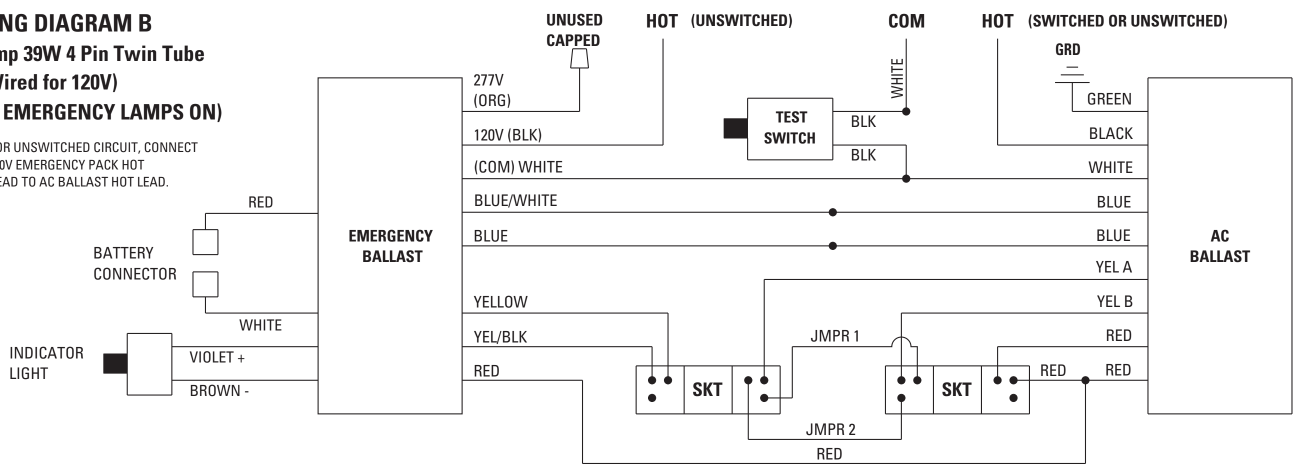
NOTE: FOR UNSWITCHED CIRCUIT, CONNECT 120V OR 277V EMERGENCY PACK HOT LEAD TO AC BALLAST HOT LEAD.



WIRING DIAGRAM B

(2-Lamp 39W 4 Pin Twin Tube Pre-Wired for 120V)
(TWO EMERGENCY LAMPS ON)

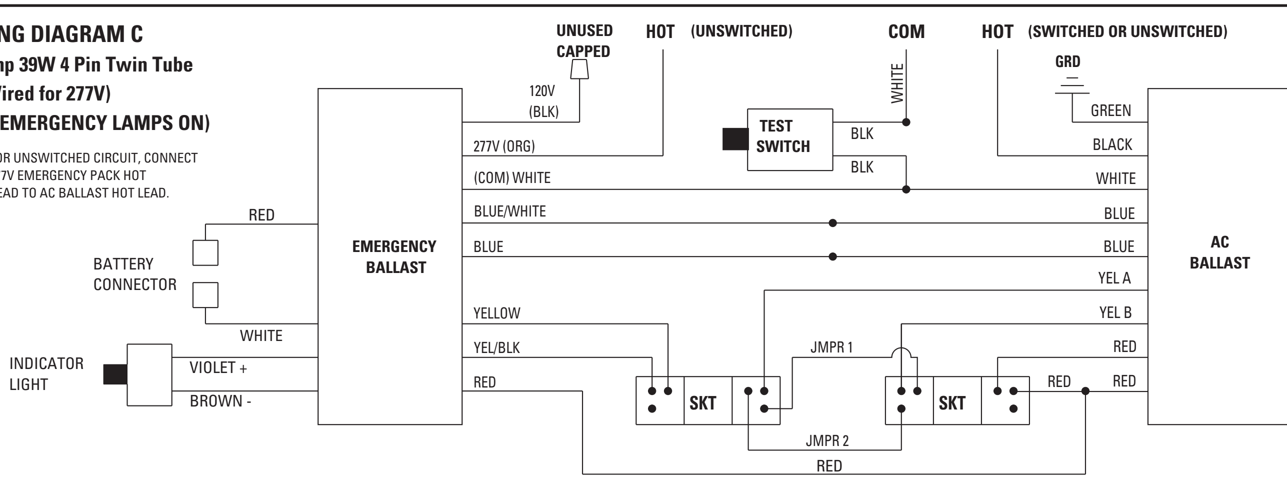
NOTE: FOR UNSWITCHED CIRCUIT, CONNECT 120V EMERGENCY PACK HOT LEAD TO AC BALLAST HOT LEAD.



WIRING DIAGRAM C

(2-Lamp 39W 4 Pin Twin Tube Pre-Wired for 277V)
(TWO EMERGENCY LAMPS ON)

NOTE: FOR UNSWITCHED CIRCUIT, CONNECT 277V EMERGENCY PACK HOT LEAD TO AC BALLAST HOT LEAD.



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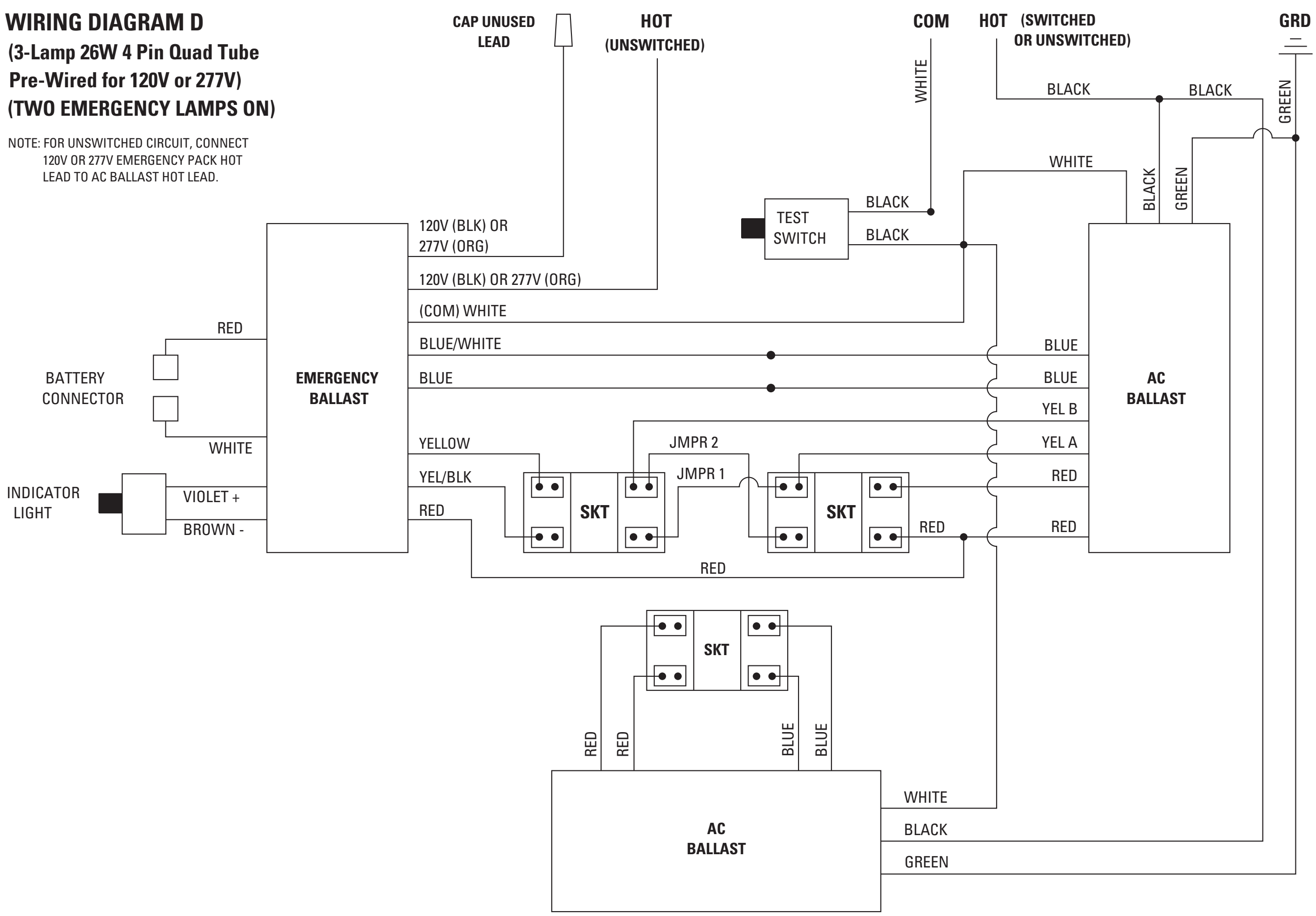
Retain these instructions for maintenance reference.

INSTRUCTION FOR INSTALLATION OF PRE-WIRED COMPACT FLUORESCENT EMERGENCY LIGHTING DECORATIVE SURFACE UTILITY FIXTURES

WIRING DIAGRAM D

(3-Lamp 26W 4 Pin Quad Tube Pre-Wired for 120V or 277V) (TWO EMERGENCY LAMPS ON)

NOTE: FOR UNSWITCHED CIRCUIT, CONNECT 120V OR 277V EMERGENCY PACK HOT LEAD TO AC BALLAST HOT LEAD.



B. OPERATION

When AC power is applied, the charging indicator light is illuminated indicating that the battery is being charged. When the power fails, the emergency lighting ballast automatically switches to emergency operation, keeping two lamps illuminated at reduced output for 90 minutes.

C. MAINTAINANCE

Although no routine maintainance is required to keep the emergency ballast functional, it should be checked periodically to ensure that it is working. The following schedule is recommended:

1. Visually inspect the charging indicator light monthly. It should be illuminated.
2. Test the emergency operation of the fixture once every 3 months. Both lamps should operate at reduced output.
3. Conduct a 90 minute discharge test once a year. Both lamps should operate at at reduced output for 90 minutes.

LIGHTOLIER a GENLYTE THOMAS company.
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